

FIG. 1A

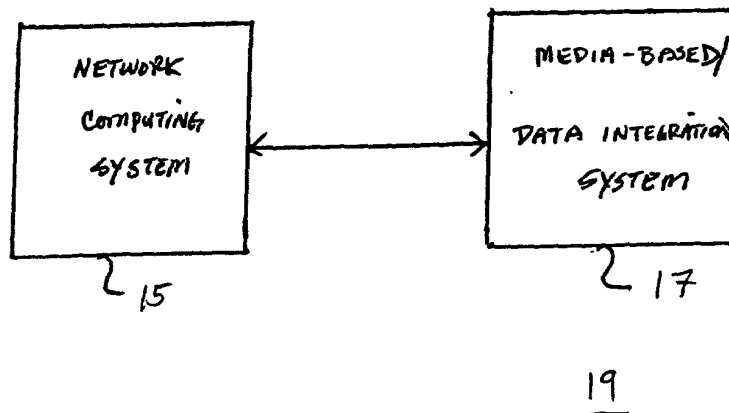
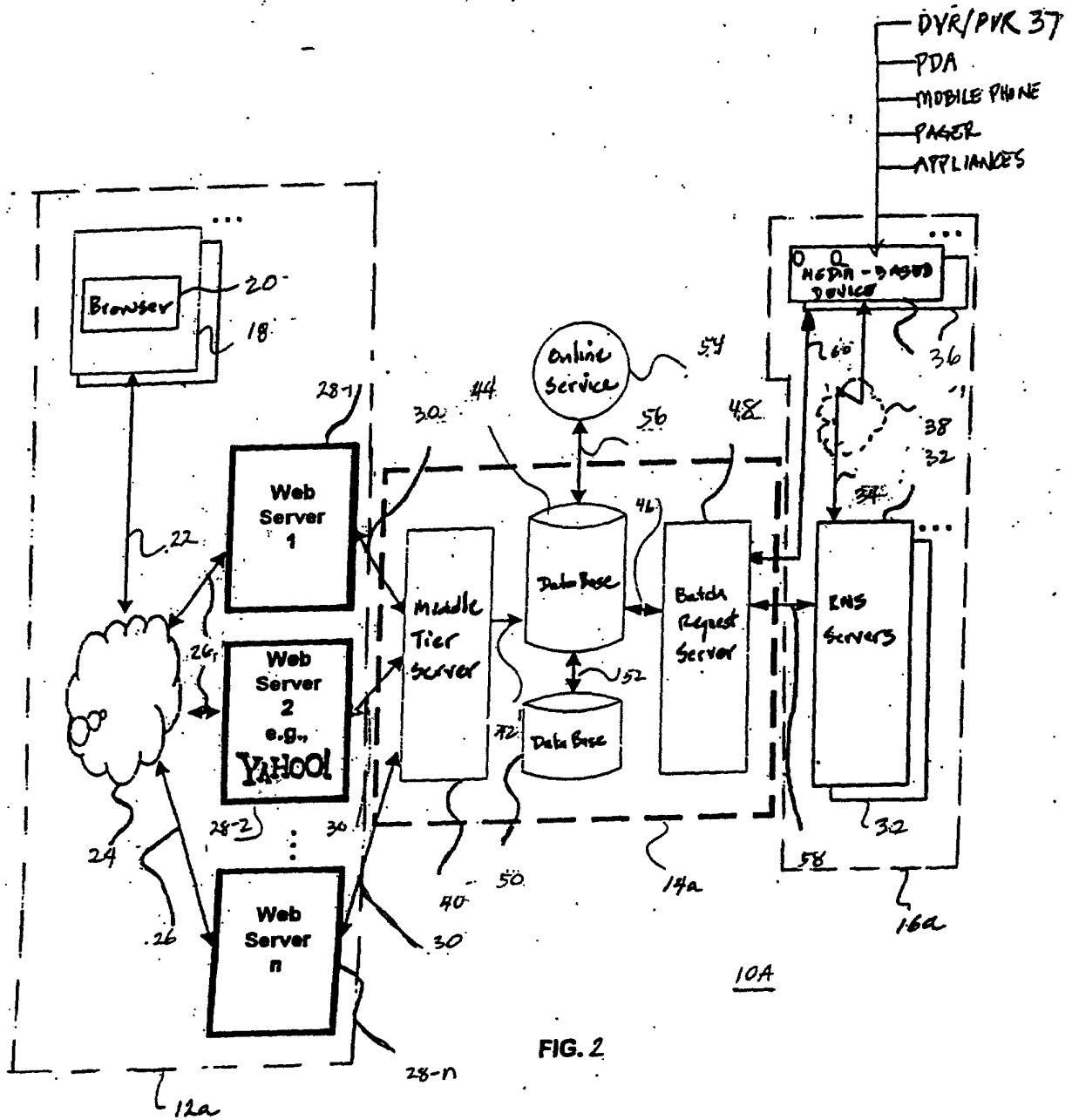
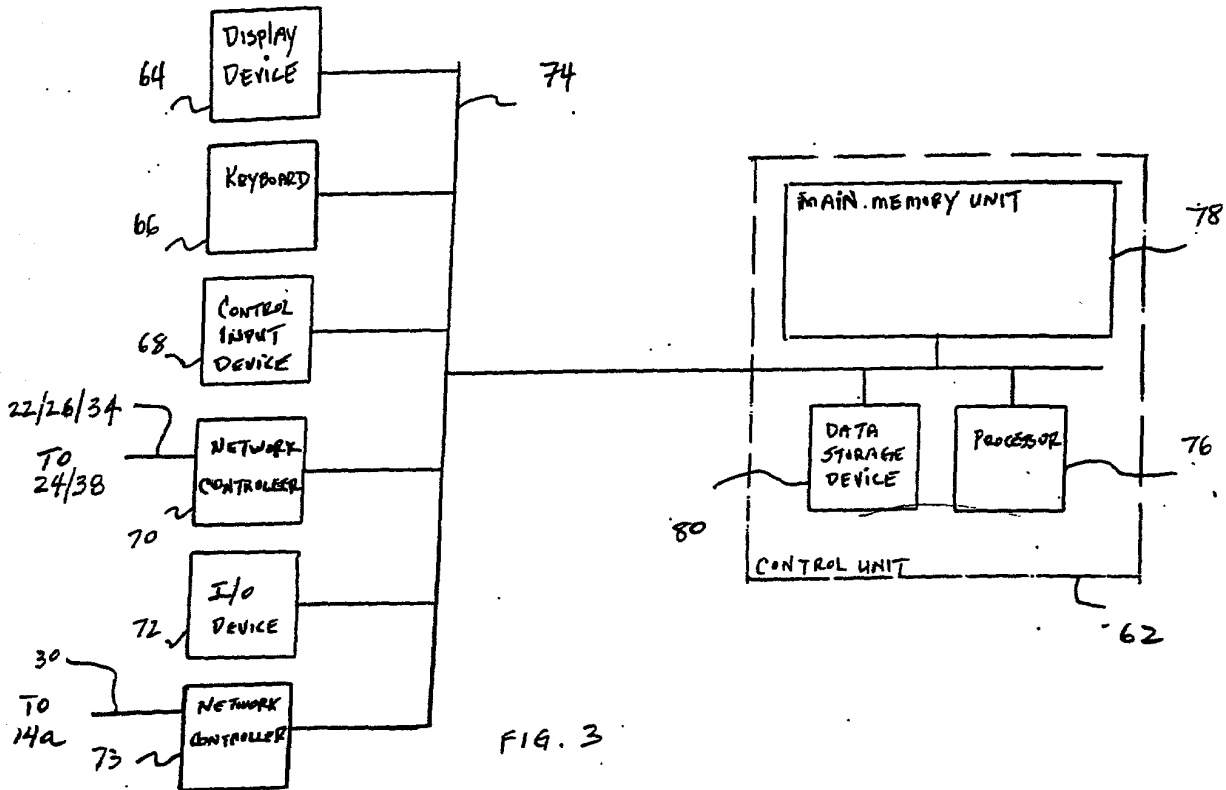


FIG. 1B



18/28/40/32/48/36



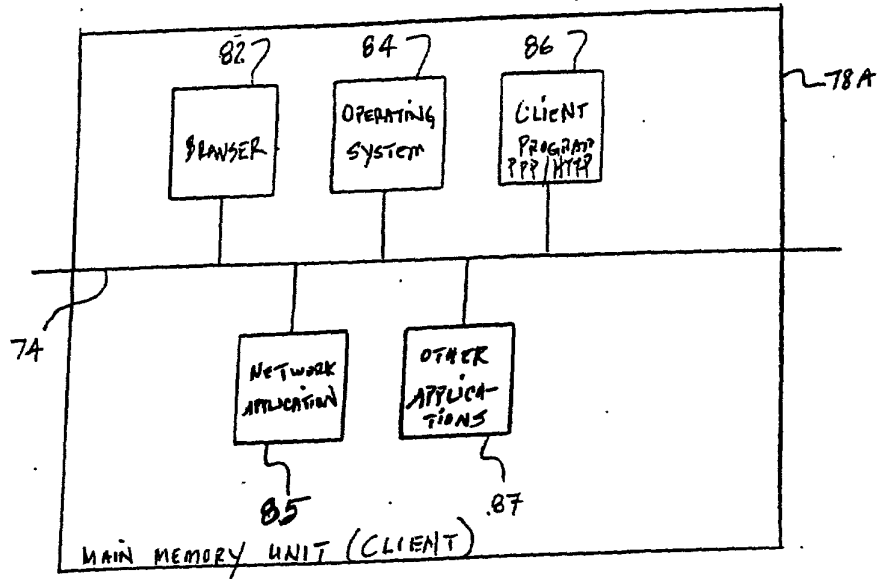


FIG. 4A

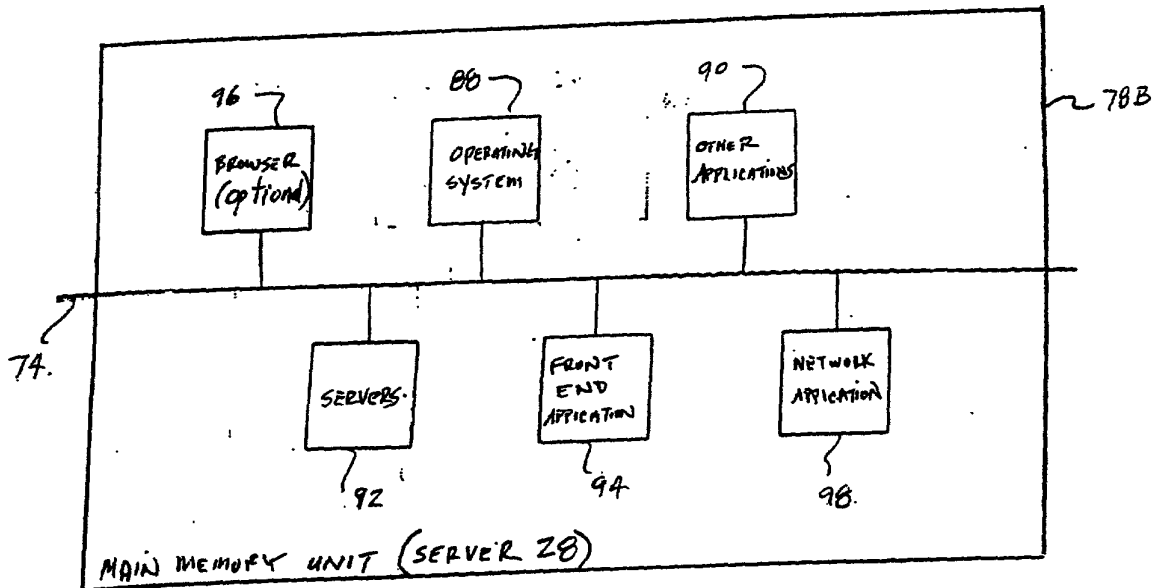


FIG. 4B

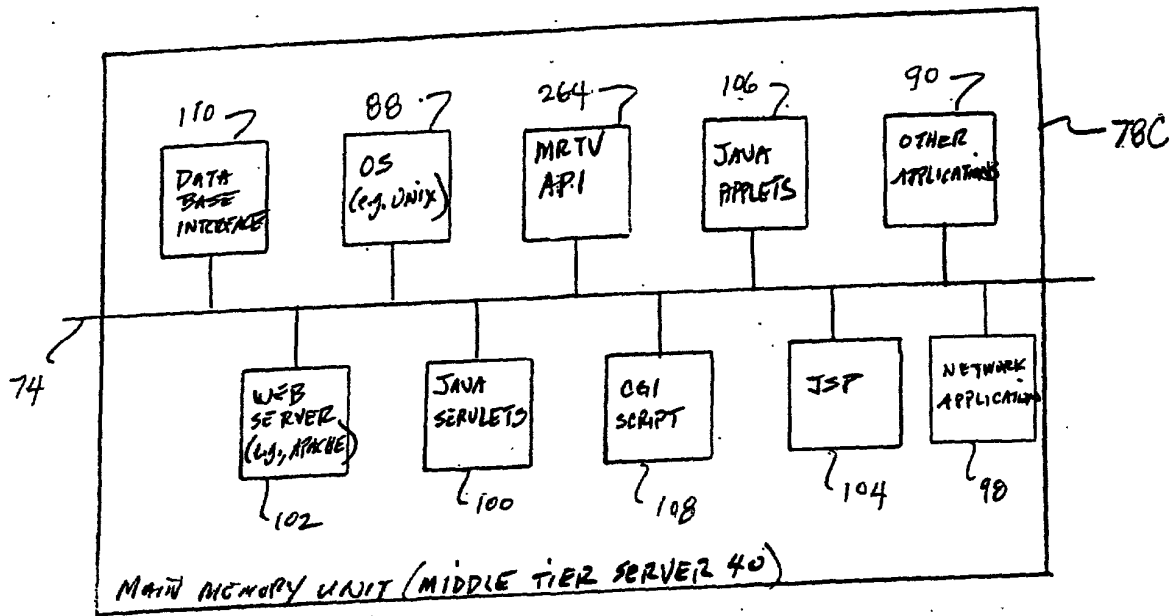


FIG. 4C

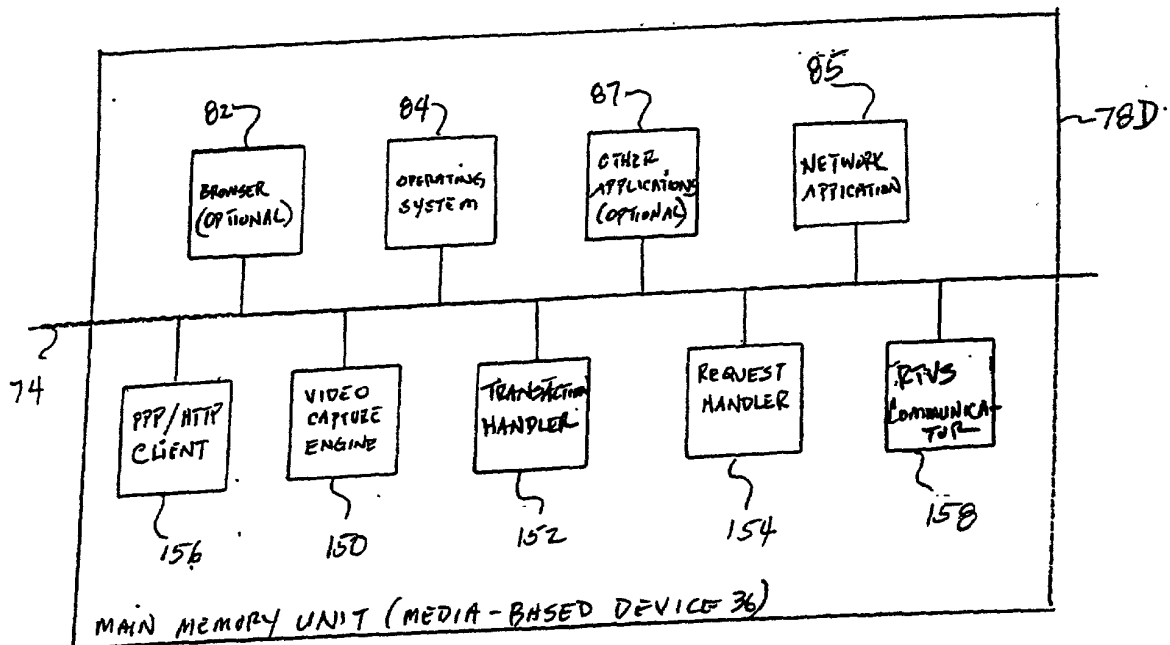


FIG. 4D

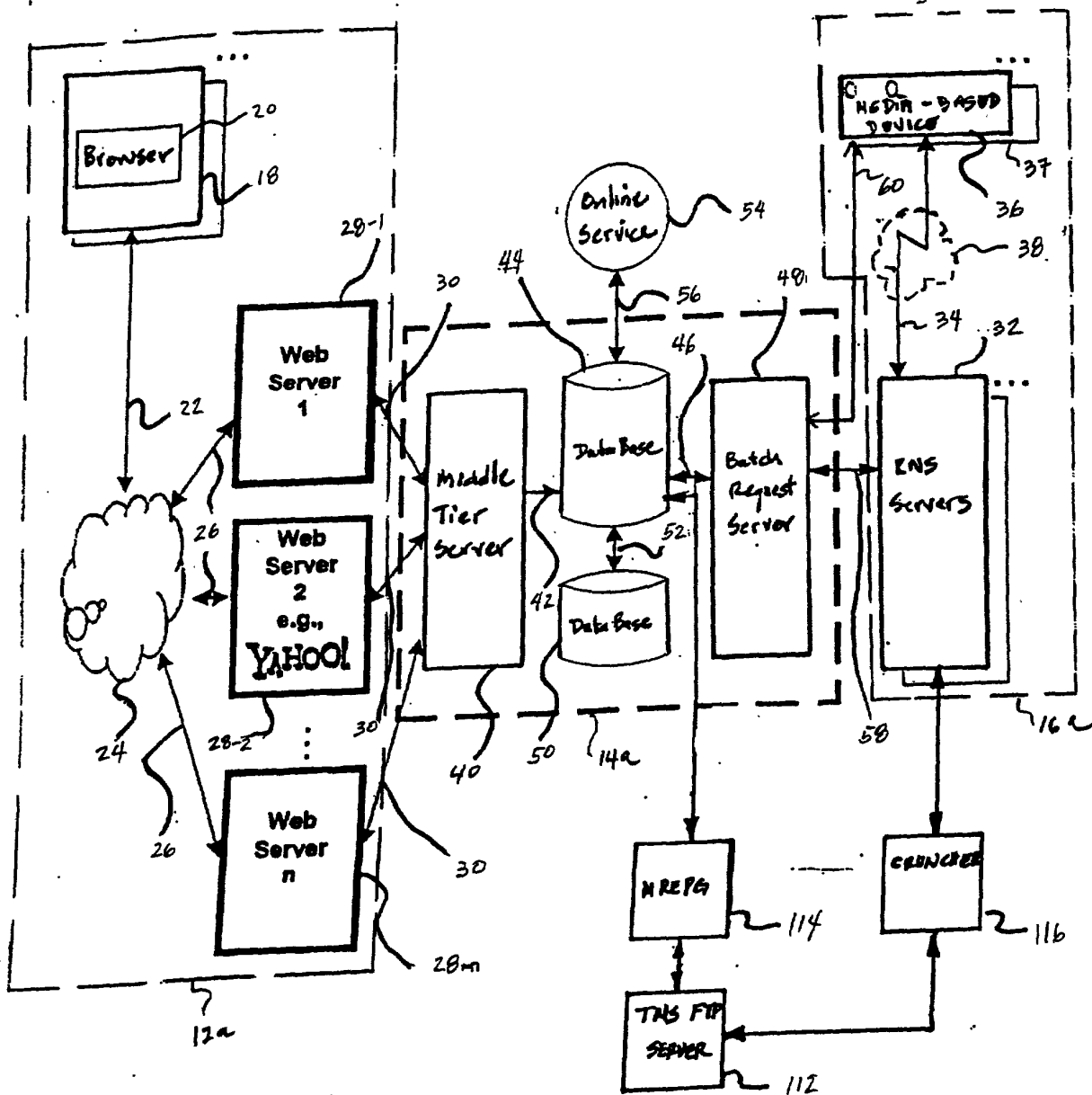


FIG. 5

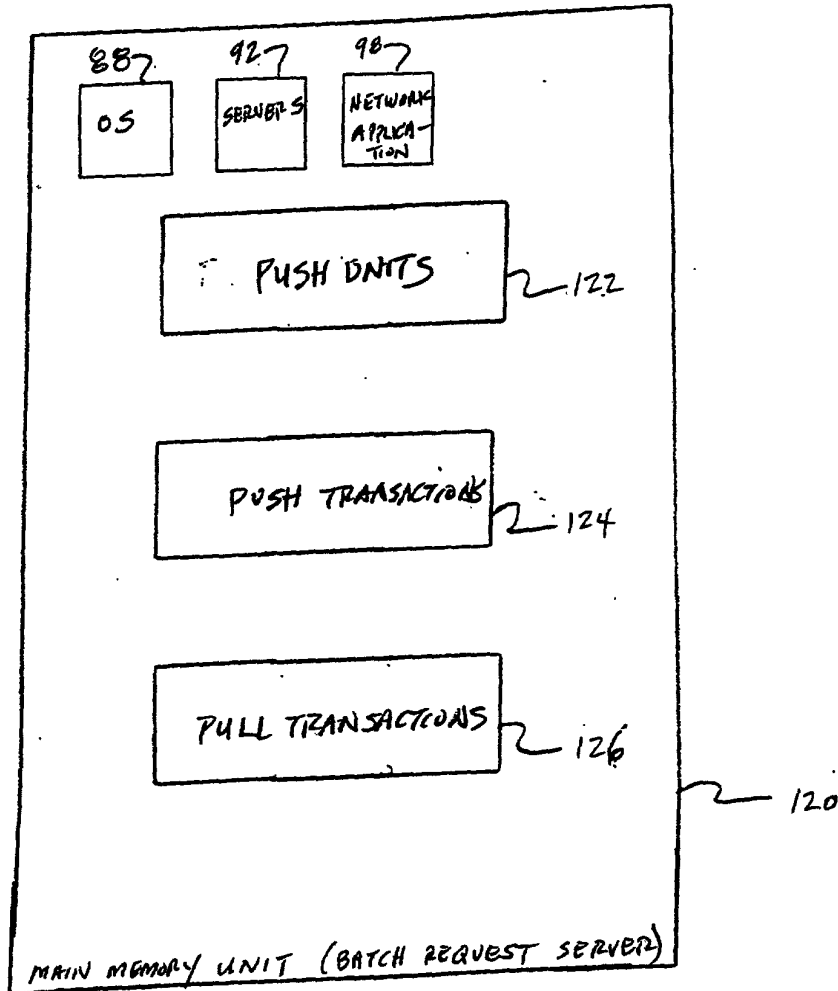


FIG. 6

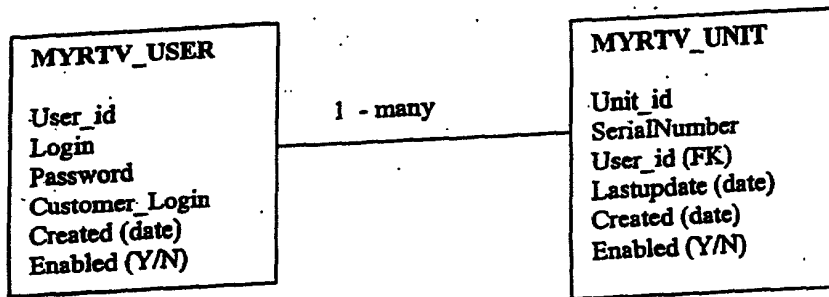


FIG. 7

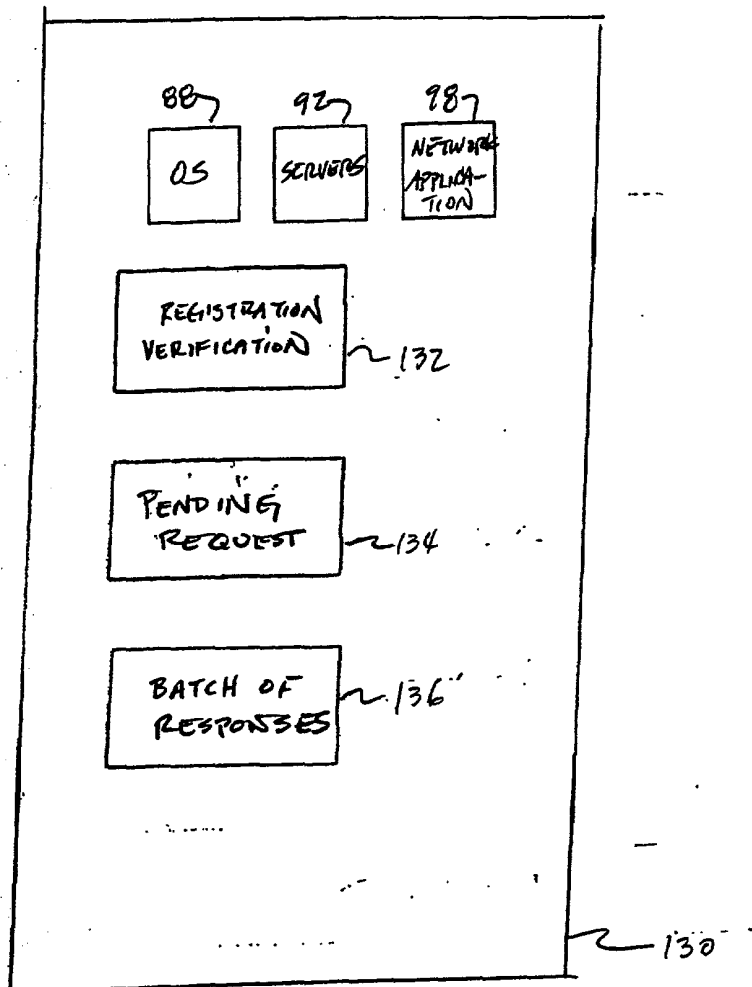


FIG. 8

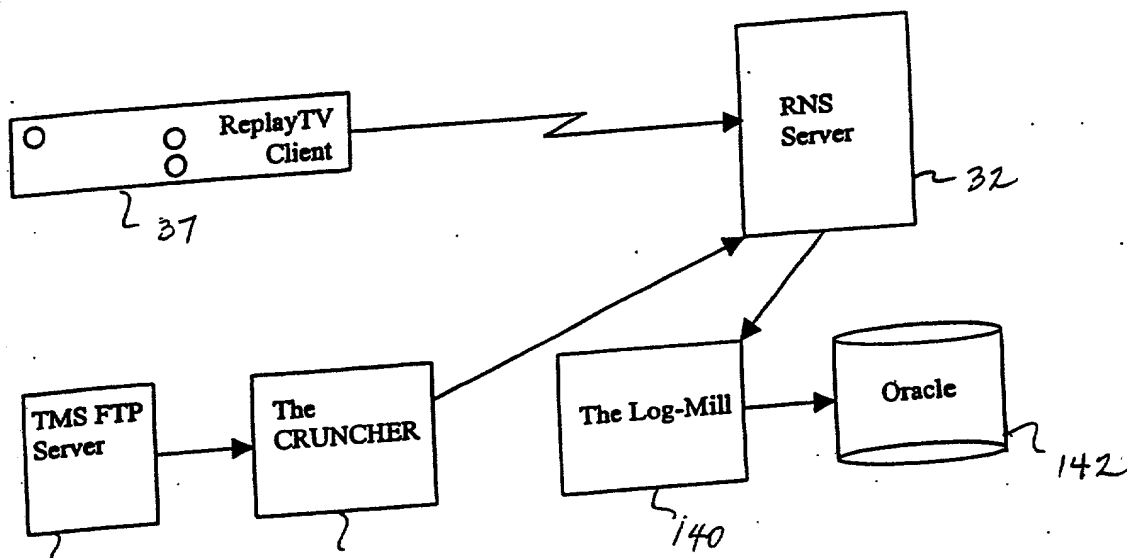


FIG. 9

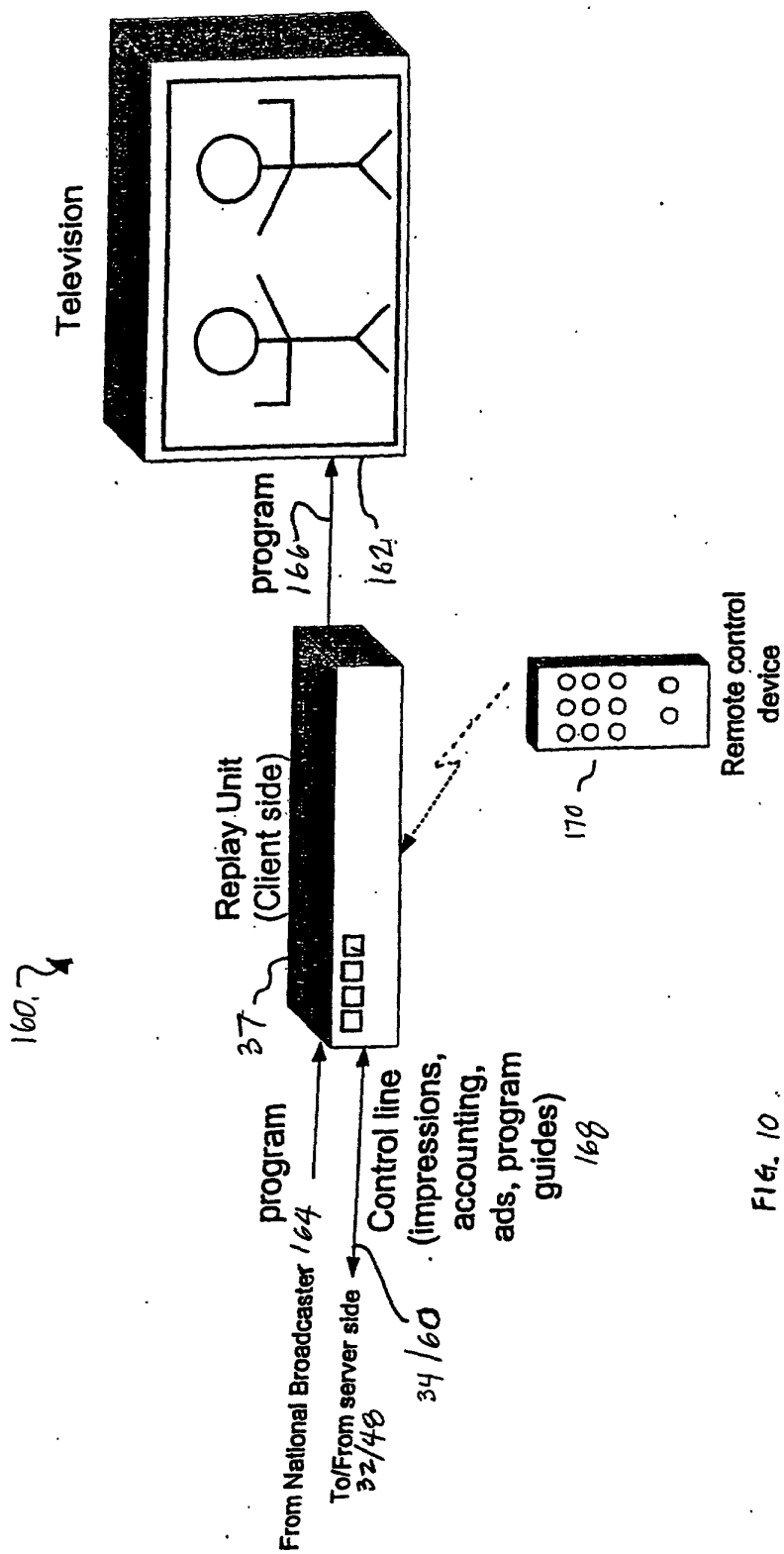



Fig. 10

my  replaytv[®]

marketing/promotional information

user name:

password:

☐ remember my password [I forgot my password](#)

Are you a new user to the myreplaytv website?

[Help](#) [Contact Us](#)

182

184

180

FIG. 11

103000 0275000

Title: Method and System for Remote Television
Replay Control
Applicants: Millard E. Sweatt, III, et al.
Docket No.: 22407-05390 US

my ReplayTV

Channel Guide

Channel Guide | Replay | Find Shows | Manual Record

Preferences | Help | Logout

Tue 3/06

Today 03/06

6 pm

0 OXYGEN

GO

192

0 OXYGEN	An Officer and a Gentleman	6:30 PM	Scary Movie	Spin City
1 IN1	Me, Myself & Irene		Selinfeld	Entertainmen...
2 KTVU	6 O'Clock Ne...	7:00 PM	Local Origination	Hollywood Sq...
3 LOOR003	Local Origination		Frasier	Family Feud
4 KRON	NewsCenter 4 at 6		Evening Maga...	Wheel of For...
5 KPIX	CBS News		Family Feud	Mandarin New...
6 KICU	Home Improve...		Jeopardy!	EastEnders
7 KGO	ABC 7 News at 6PM		Little Salgo...	
8 KTSF	TV Patrol		The NewsHour With Jim Le...	
9 KQED	Zoboomafoo		Antiques Roa...	
10 KTEH	BBC World Ne...		TV Guide	
11 TVGOS	TV Guide		Friends	
12 KBHK	The Simpsons		Power of Att...	
13 KBWB	The Drew Car...		Carita de Ángel	
14 KDTV	Noticias 14			

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Fig. 12A

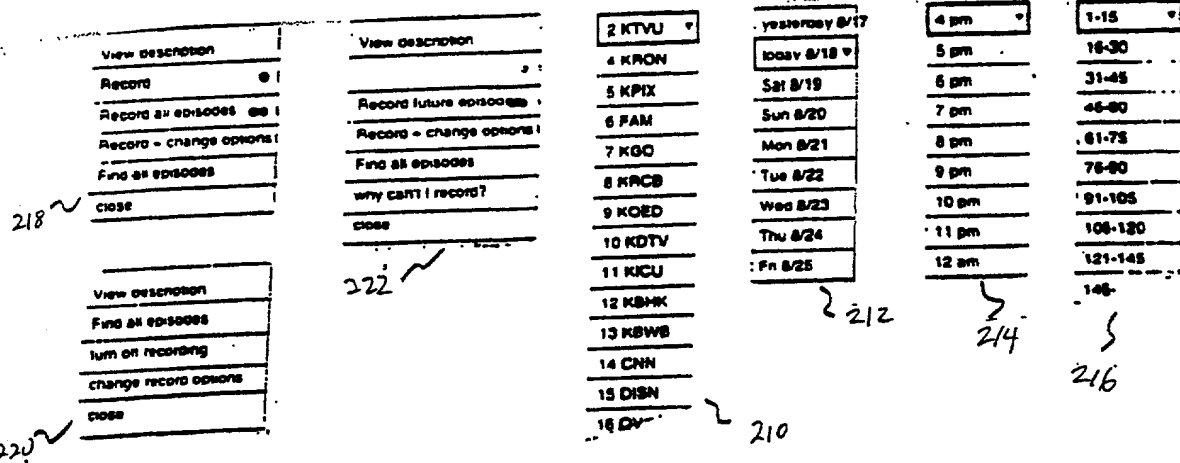


FIG. 12B

2025 RELEASE UNDER E.O. 14176

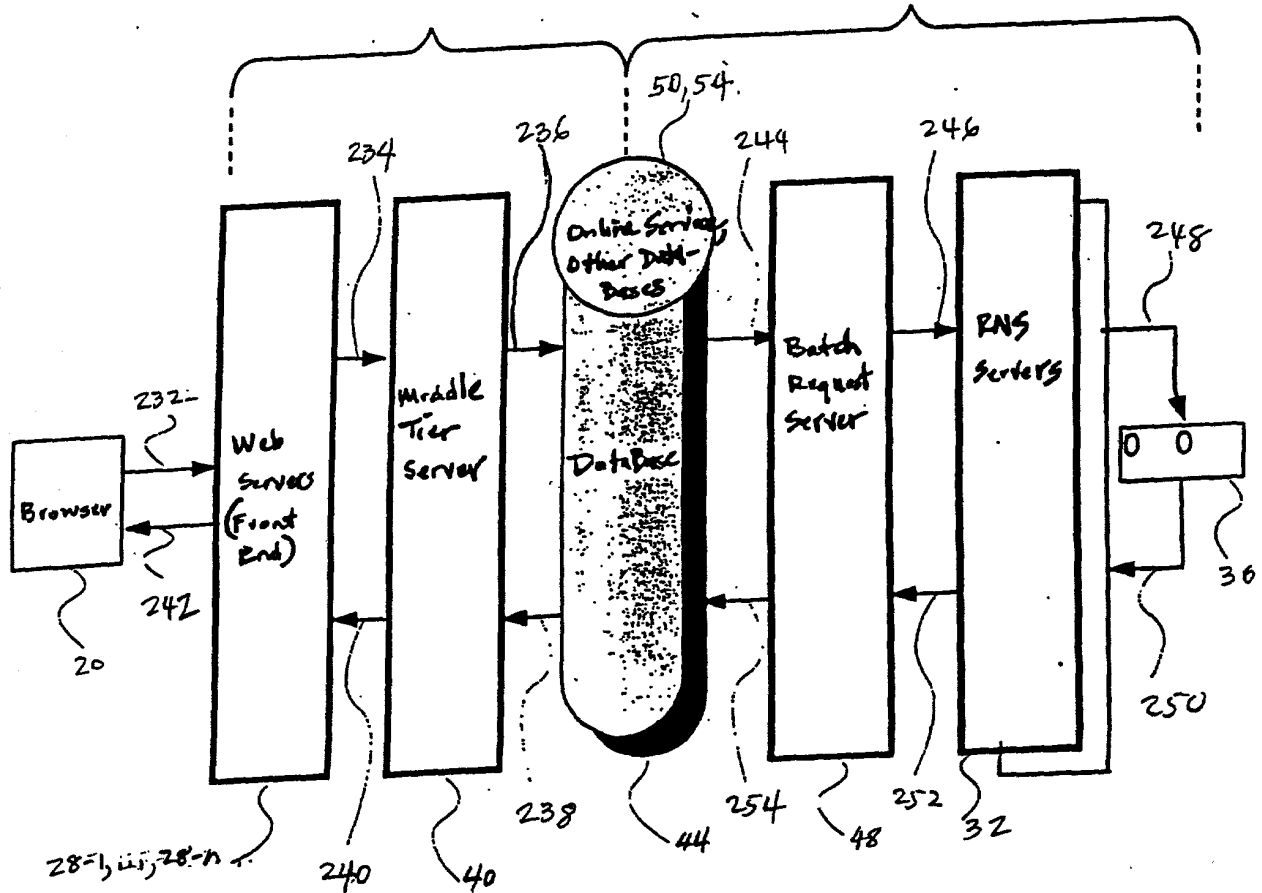


FIG. 13A

SEQUENCE DIAGRAM

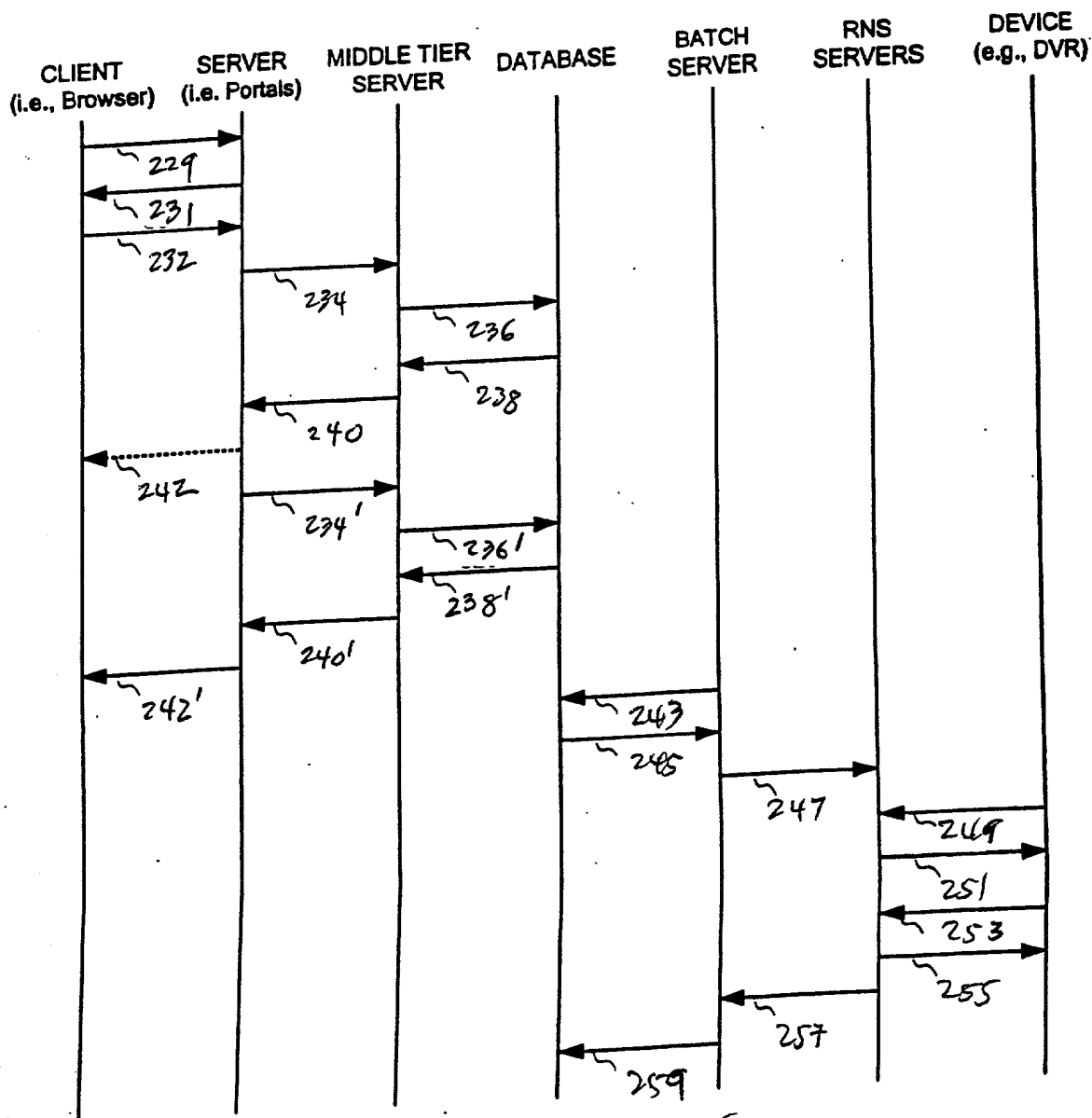


FIG. 13B

API Routine	Function
CreateAccount	Creates an account for a new user based on the information received
Login	Tries to authenticate a user based on the input username and password combination
GetProfile	Returns the profile of the user and his units based on his userid
AddRequest	Adds a request to the unit's list of pending requests based on a set of request parameters, and returns the full status of the unit and of the pending requests, including those for recording specified show(s) and deleting recorded show(s)
DeleteRequest	Delete a request from the user list of pending requests
GetReplayGuide	Returns the Replay Guide of the unit as saved in the appropriate database for the specified unit
GetChannelLineUp	Returns the channel lineup of the unit based on the unit's settings
ChangePassword	Lets the user changes his password
GetEPG	Returns the current electronic program guide for the unit based on the settings of the unit
ShowGuide	Returns detailed information about a specified show or search show details for particular shows based on criteria given as parameters

FIG. 14

20090723

API Routine	Input Parameters	Output Files (Corresponding XML elements)
CreateAccount	firstname, lastname, address1, address2, city, state, zipcode, serialnumber, login, password, creator	ACCOUNT.XML REPLAYERROR.XML
Login	login, password	ACCOUNT.XML REPLAYERROR.XML
GetProfile	userid	PROFILE.XML (USERINFO, UNITINFO-I) REPLAYERROR.XML
AddRequest	userid, unitid, reqtype(none, show, theme, update) reqtype=show: showtype(single, repeat, manual single, manual repeat), headendid, trnsid, device, starttimegmt, name, durationinminutes, inputsource, quality, guaranteedrecord, numepisodes, weekdayflags, earlieststartinminutes, showguarminminutes reqtype=theme: searchterm, searchflags, suzukiid, durationinminutes, quality, guaranteedrecord reqtype=update: updatetype(deleteshow, preserveshow, deletechannel), channelid, showid	UNITSTATUS.XML (UNITINFO, REQUESTSTATUS-I) REPLAYERROR.XML *Note: REQUESTSTATUS Result:=(PENDING, SENT, SUCCESS, GENERAL FAILURE, SCHEDULEFAILURE, ROOMFAILURE)
DeleteRequest	userid, unitid, requestid	DELETERESULT.XML REPLAYERROR.XML
GetReplayGuide	userid, unitid	GUIDE.XML (REPLAYCHANNEL-I) REPLAYERROR.XML *Note: REPLAYCHANNEL Type:=(SINGLE, SINGELMANUAL, REPEAT, REPEATMANUAL, THEME, THEMEXACT, ZONE)
GetChannelLineUp	userid, unitid	CHANNELLINEUP.XML (CHANNEL-I) REPLAYERROR.XML
ChangePassword	userid, currentpassword, newpassword	ACCOUNT.XML REPLAYERROR.XML
GetEPG	userid, unitid, starttimegmt, durationinminutes, startchannel, channelcount	XML file based on tvguide.dtd & tvprograms.dtd REPLAYERROR.XML
ShowGuide	userid, unitid, query, start, count, levelofdetail *Note: query keywords include actor, advisory, desc, mpaarating, title, etc.	XML file based on tvguide.dtd & tvprograms.dtd REPLAYERROR.XML

FIG. 15

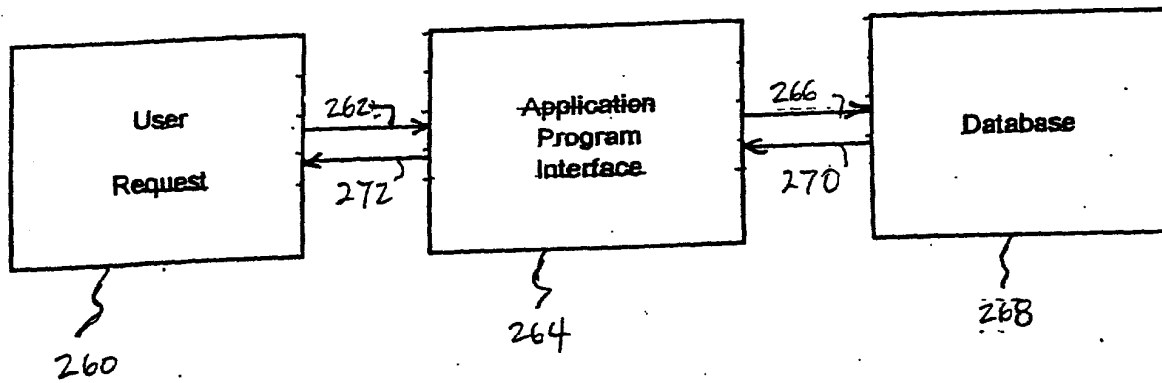


FIG. 16A

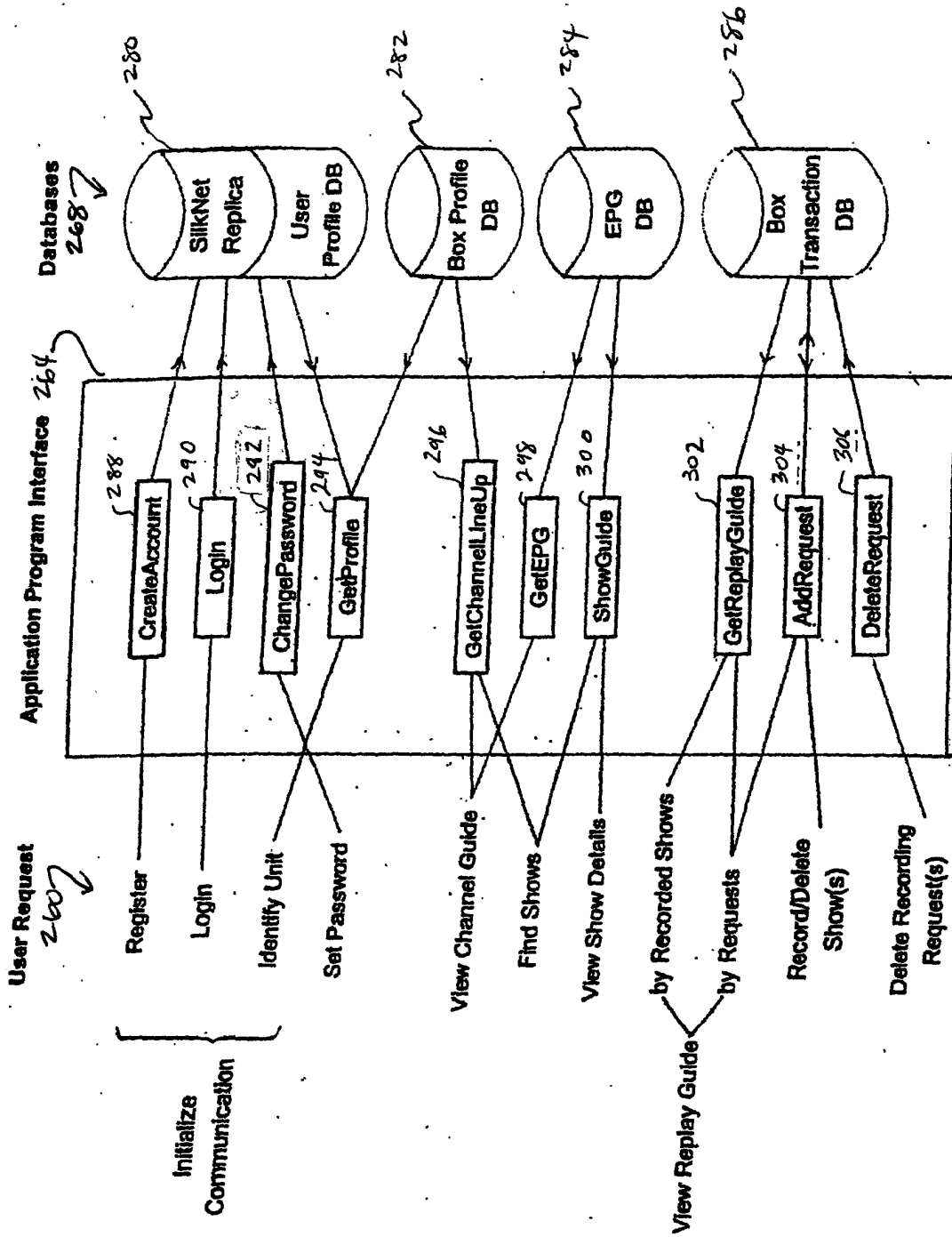


FIG. 16B

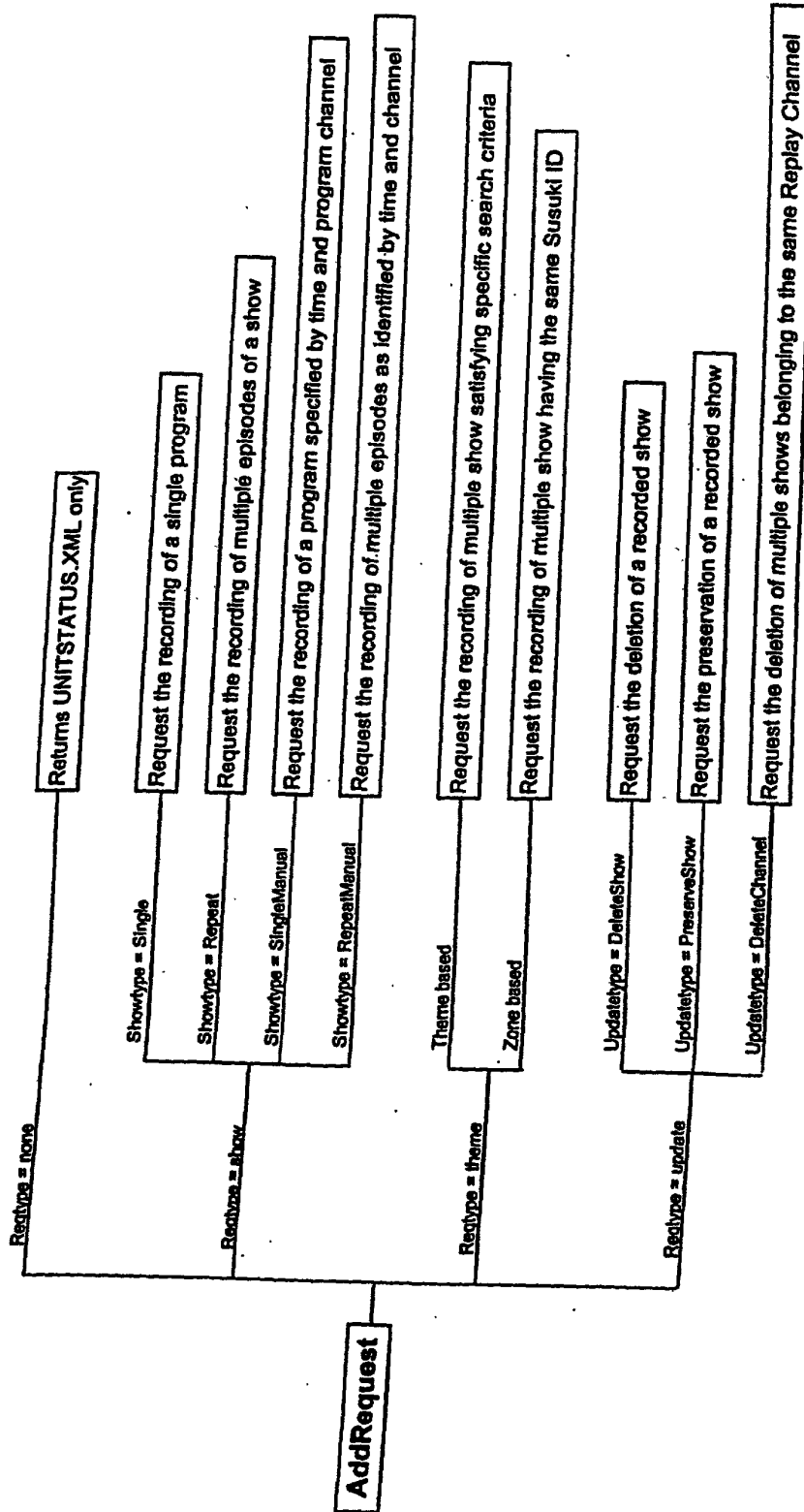


FIG. 17

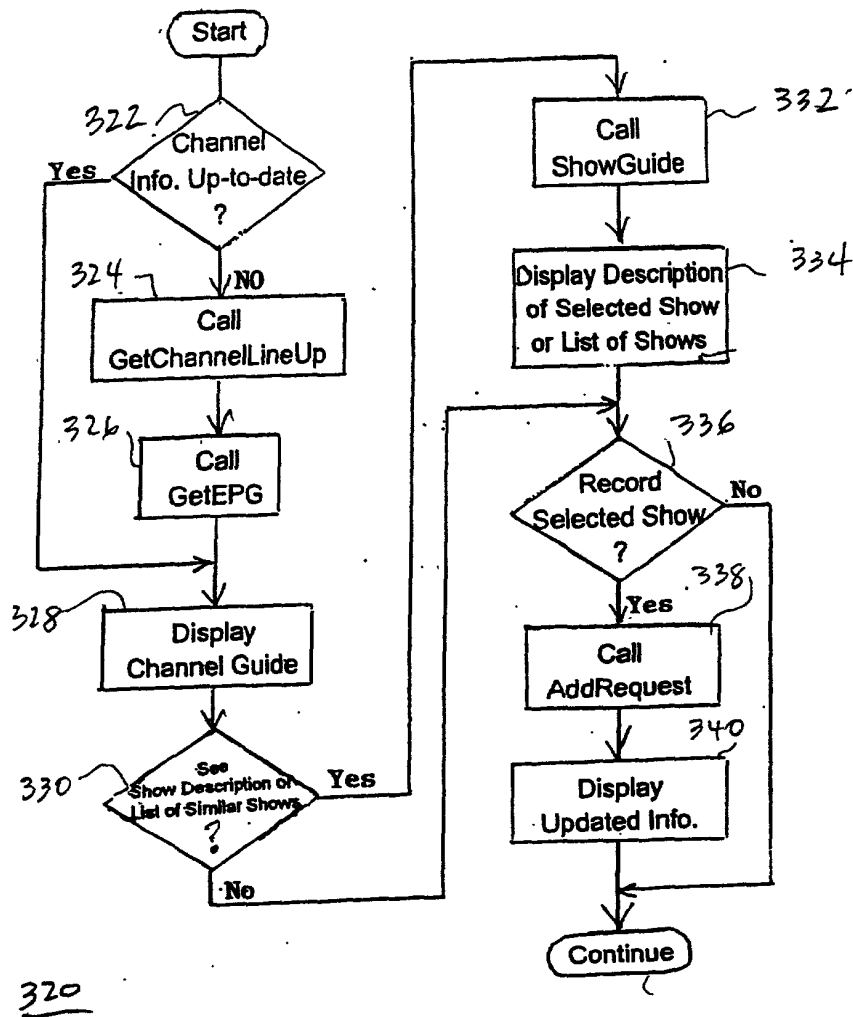


FIG. 18

FIG. 19A

replaytv
Replay Guide
Channel Guide | Find Shows | Preferences | Help | Logout
Replay Shows | Replay Channels

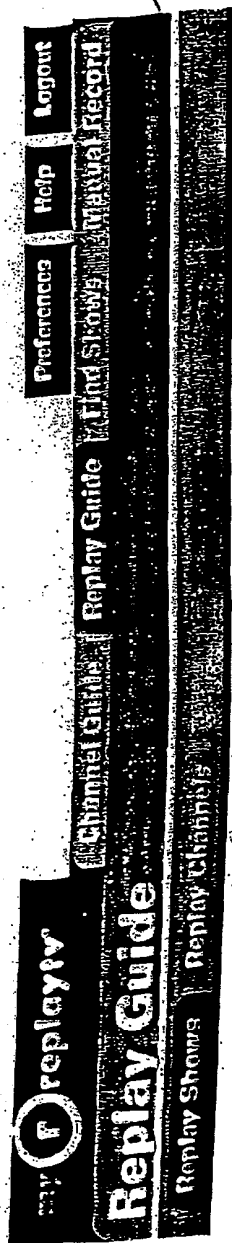
Watch and edit your recordings and manage the replay TV experience

▶ Select a Show to Watch

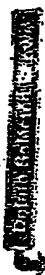
Channel	Details	Status	Request Date
<input type="checkbox"/> A Fistful of Dollars	This single record Replay channel was scheduled to record A Fistful of Dollars from Channel 21(TBS) on Sun, 02/18 at or around 7:00AM - 9:00AM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		02/18
<input type="checkbox"/> Blown Away	This single record Replay channel was scheduled to record Blown Away from Channel 42(USAP) on Tue, 01/16 at or around 9:00PM - 11:30PM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		01/16
<input type="checkbox"/> Cantonese News	This show-based Replay channel will continuously record the 1 most current episode(s) of Cantonese News occurring every (Sun, Mon, Tue, Wed, Thu, Fri, Sat) on Channel 8(KTSF) at or around 8:00PM - 9:00PM. Guaranteed at EXTENDED quality.		02/28
<input type="checkbox"/> Captain January	This single record Replay channel was scheduled to record Captain January from Channel 49(AMC) on Tue, 01/09 at or around 3:30AM - 5:00AM. Guaranteed at EXTENDED quality. Nothing else is scheduled to record.		01/09

FIG. 19A

FIG. 19A



Find your favorite shows and watch them again on your Replay TV unit



Channel	Show Title/Episode	Date/Time	Station	Duration	Size
A Fistful of Dollars	<input type="checkbox"/> A Fistful of Dollars	02/18 7:00AM	21 TBS	(2h)	6.46%
Blown Away	<input type="checkbox"/> Blown Away	01/16 9:00PM	42 USAP	(2h 30m)	8.07%
Captain January	<input type="checkbox"/> Captain January	01/09 3:30AM	49 AMC	(1h 30m)	4.84%
Firewalker	<input type="checkbox"/> Firewalker	02/27 8:00PM	21 TBS	(2h)	6.46%
On Deadly Ground	<input type="checkbox"/> On Deadly Ground	01/07 9:00PM	4 KRON	(2h)	6.46%
Platoon	<input type="checkbox"/> Platoon	02/04 8:00PM	37 TNT	(2h 30m)	8.07%
The Bridge on the River Kwai	<input type="checkbox"/> The Bridge on the River Kwai	12/24 8:00AM	42 USAP	(3h 30m)	11.30%
The Little Princess	<input type="checkbox"/> The Little Princess	12/26 4:15AM	49 AMC	(1h 45m)	5.65%
The Trouble With Harry	<input type="checkbox"/> The Trouble With Harry	12/18 1:05PM	49 AMC	(1h 55m)	6.19%
Welcome to ReplayTV	<input type="checkbox"/> Welcome to ReplayTV	09/08 10:49AM		(15m)	2.42%

FIG. 19B

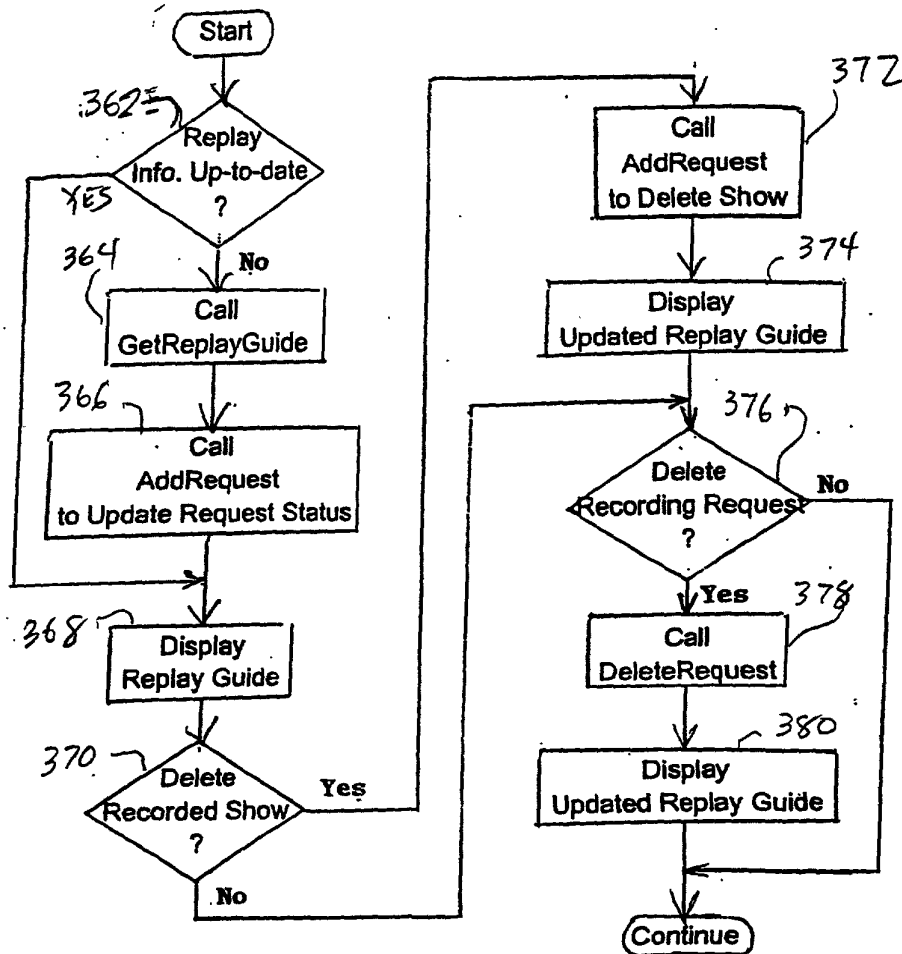


FIG. 20

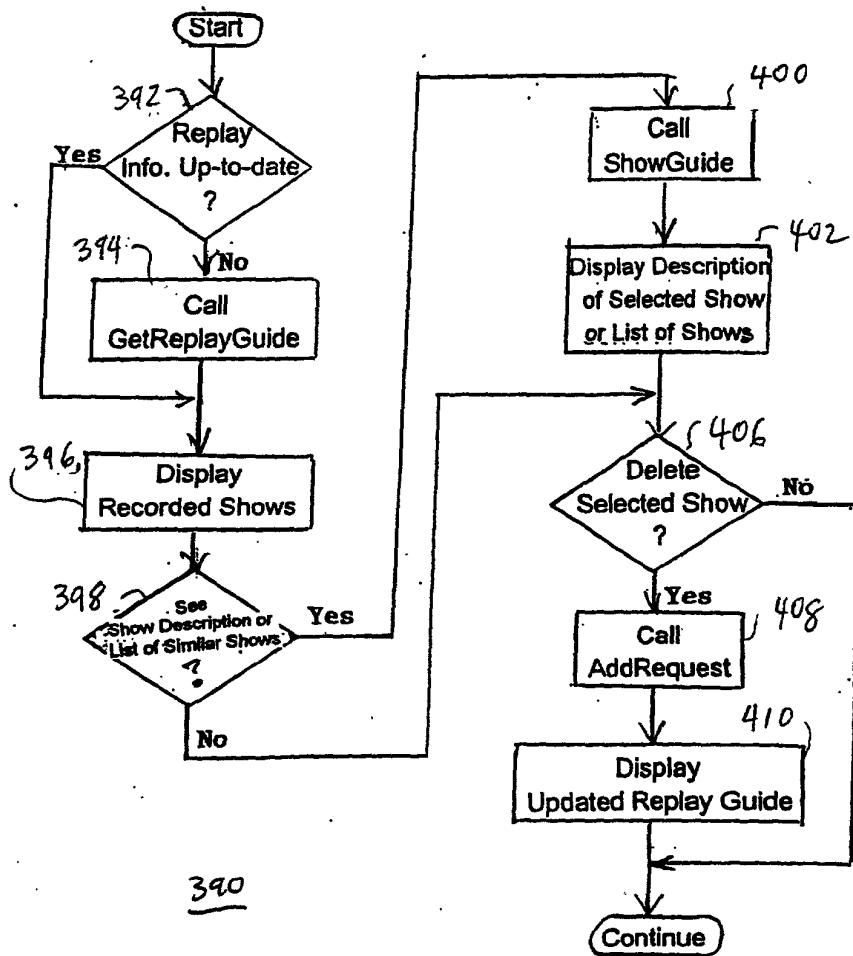
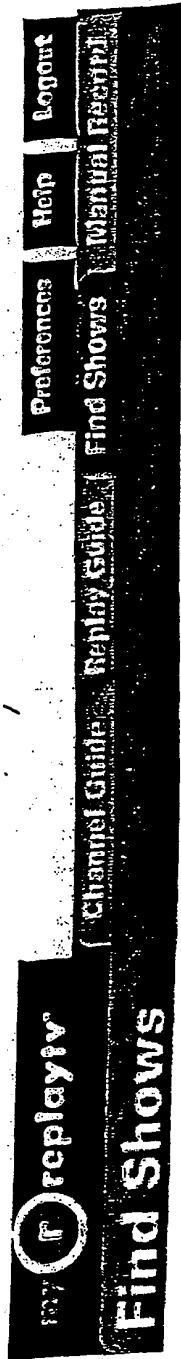


FIG. 21

FIG. 22



Find:

Enter the word or phrase that you
wish to find.

In these categories:

☒ Show Titles ☐ Actors

☒ Descriptions ☐ Directors

Find Shows

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FIG. 22

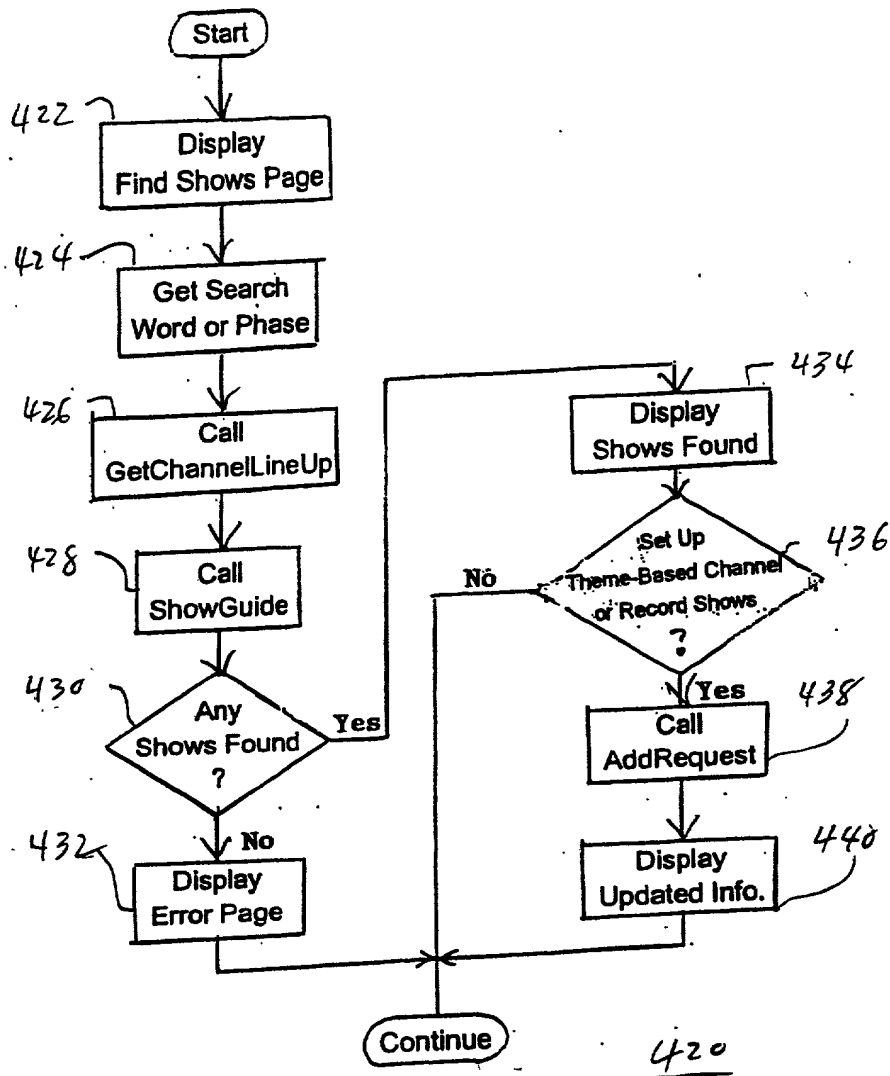


FIG. 23

FOIA b7 - DATED 02/22/00

my **replaytv**

Manual Record

Channel Guide

Replay Guide

Find Shows

Preferences

Help

Logout

Single Recording

Repeat Recording

Start Date

Mar

7

2001

Start Time

:

AM

End Time

:

AM

Channel

0 OXYGEN

Quality

Extended

Guaranteed

Yes

Submit Request

Recording duration:

my replaytv

Channel Guide Find Shows Manual Record Replay Guide

preferences
help
logout

3h 45m available at medium quality
as of last connection

Manual Record

Single Recording Repeat Recording

Days ☐ Mon ☒ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun

Start Time 7 : 58 PM ▼ End Time 11 : 02 PM ▼

Channel 4 KRON ▼

Quality Standard ▼

Guaranteed Yes ▼

452

FIG. 24B

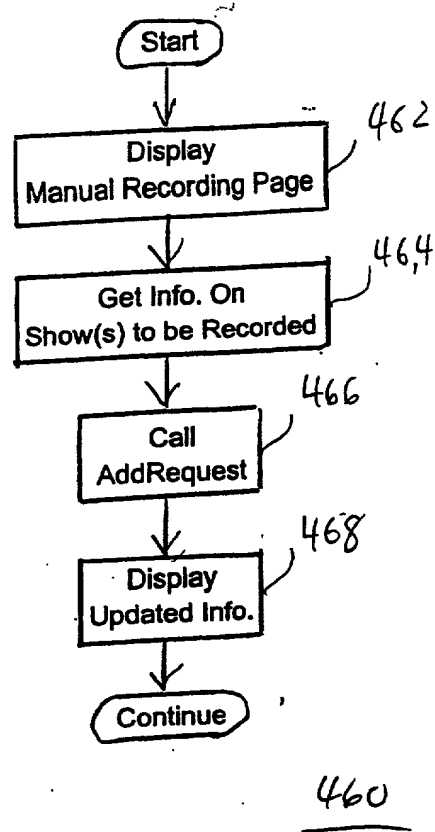


FIG. 25

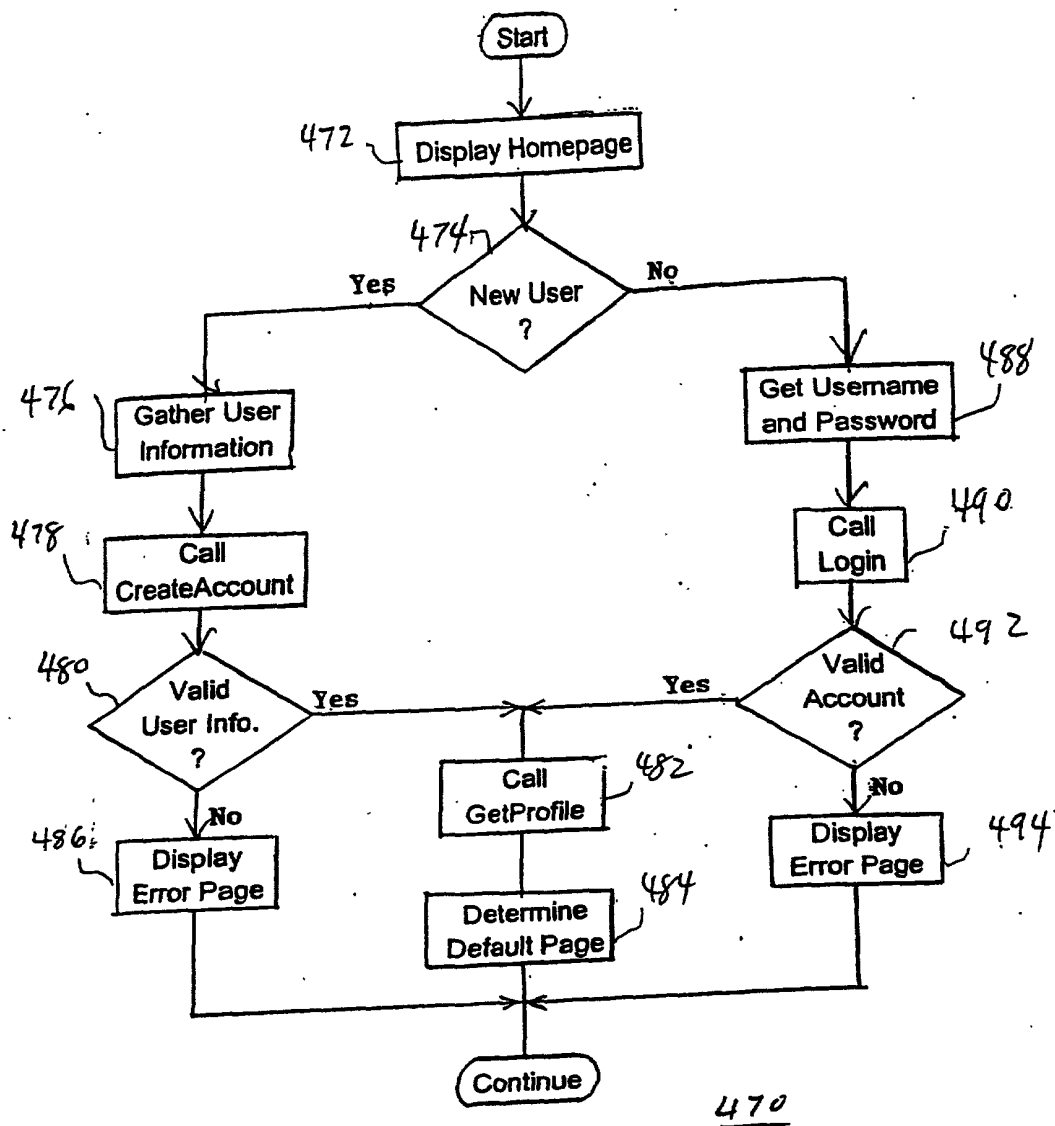
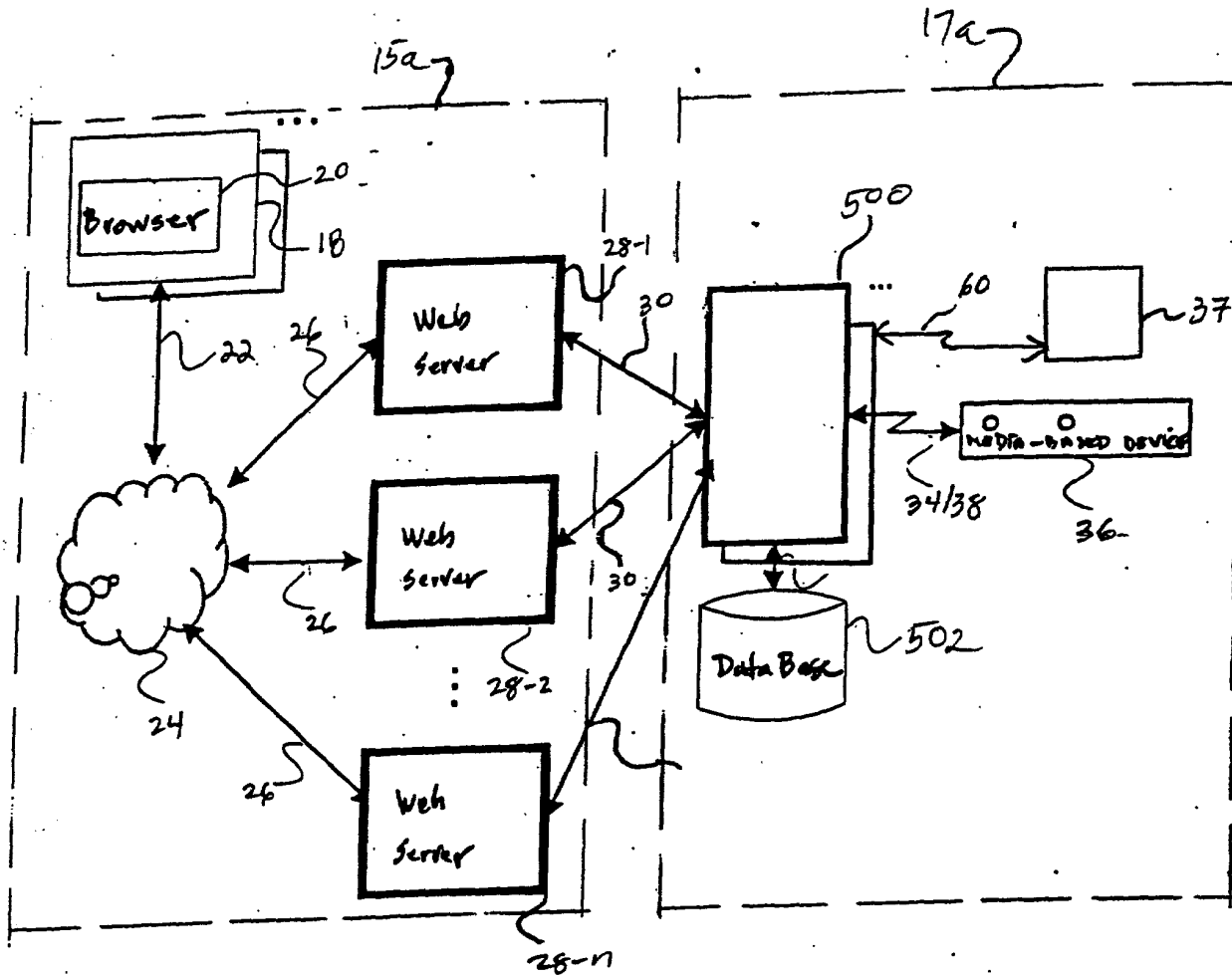


FIG. 26



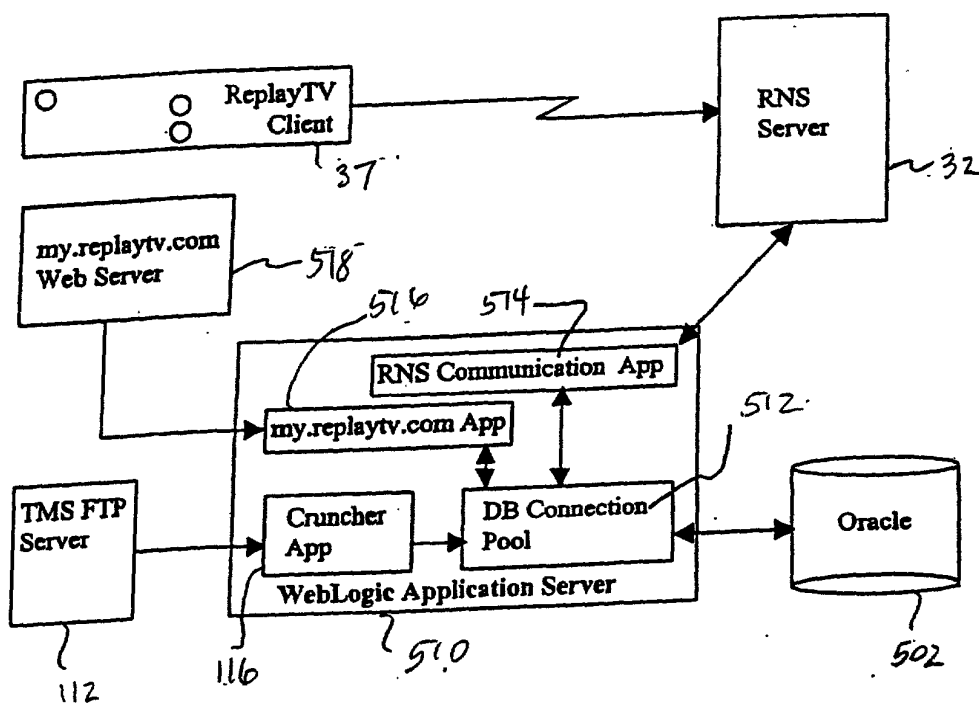


FIG. 28

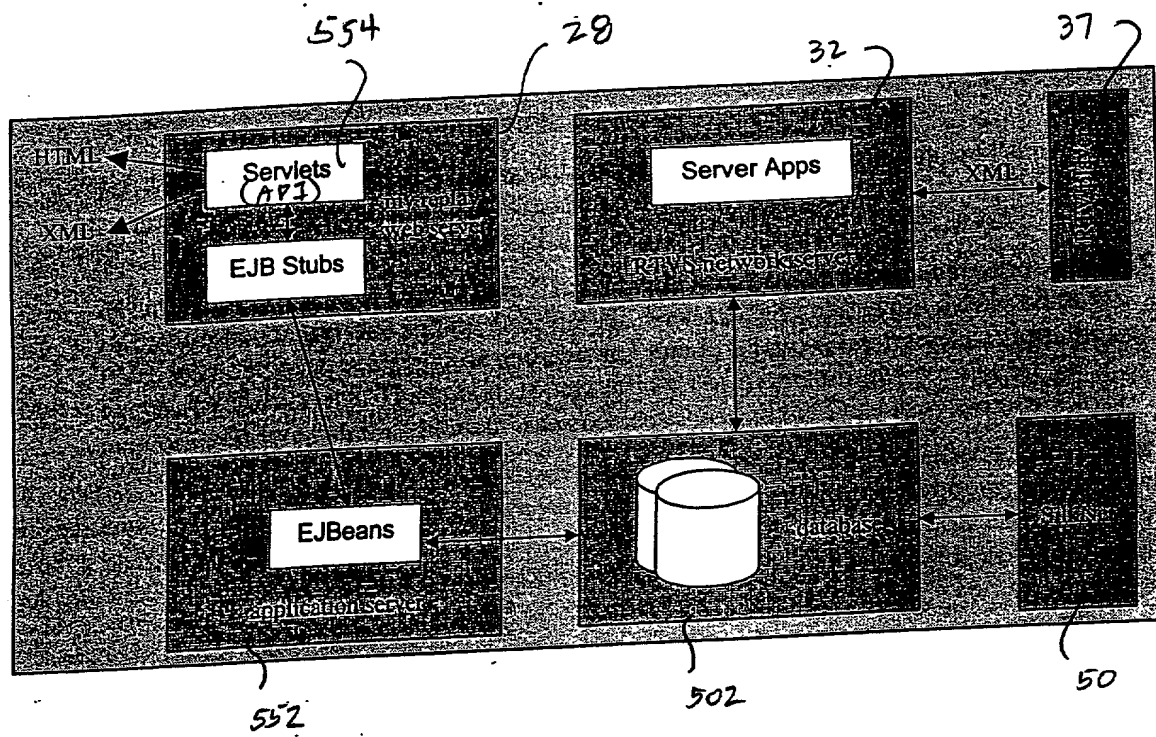


FIG. 29

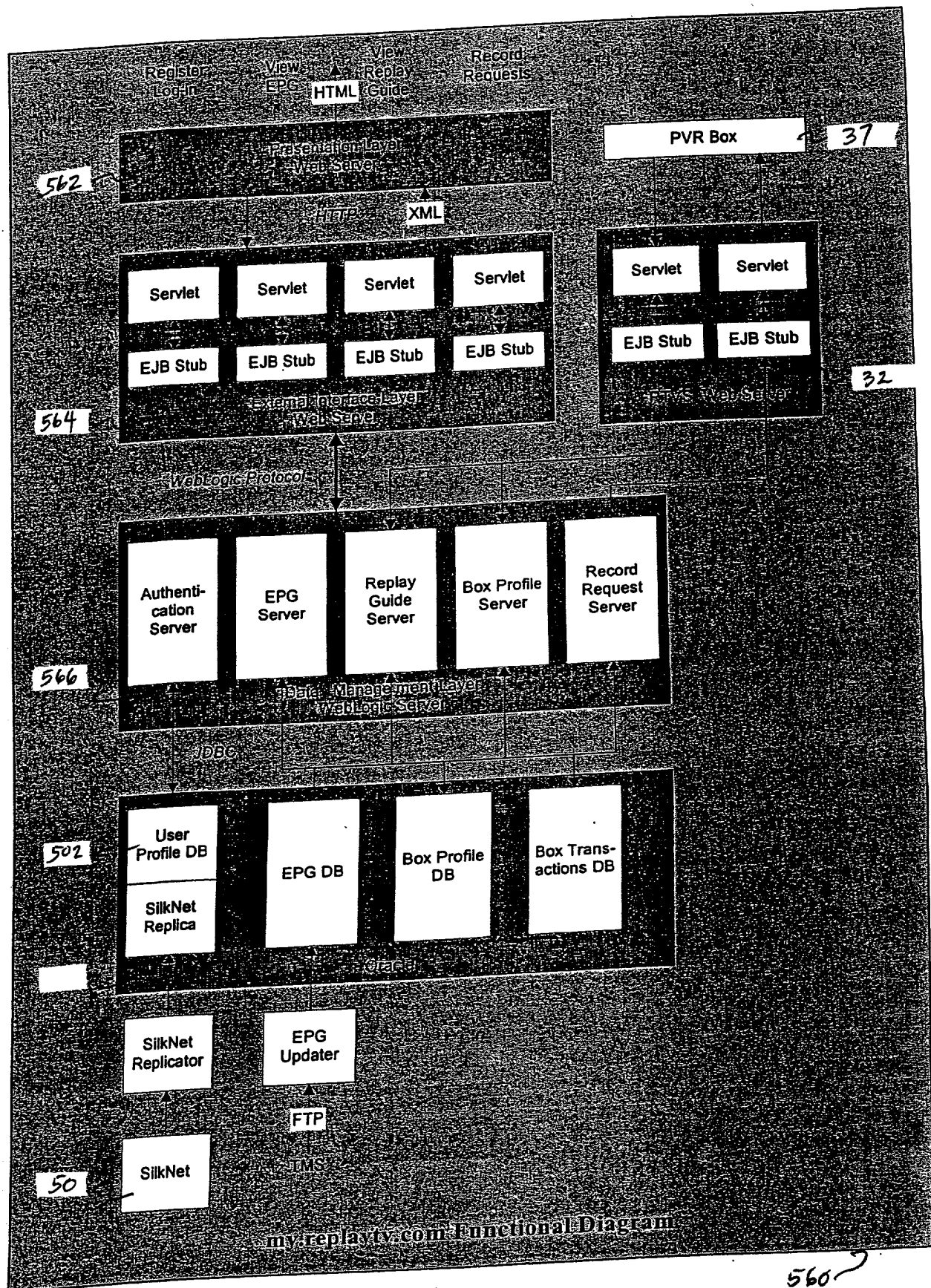


FIG. 30

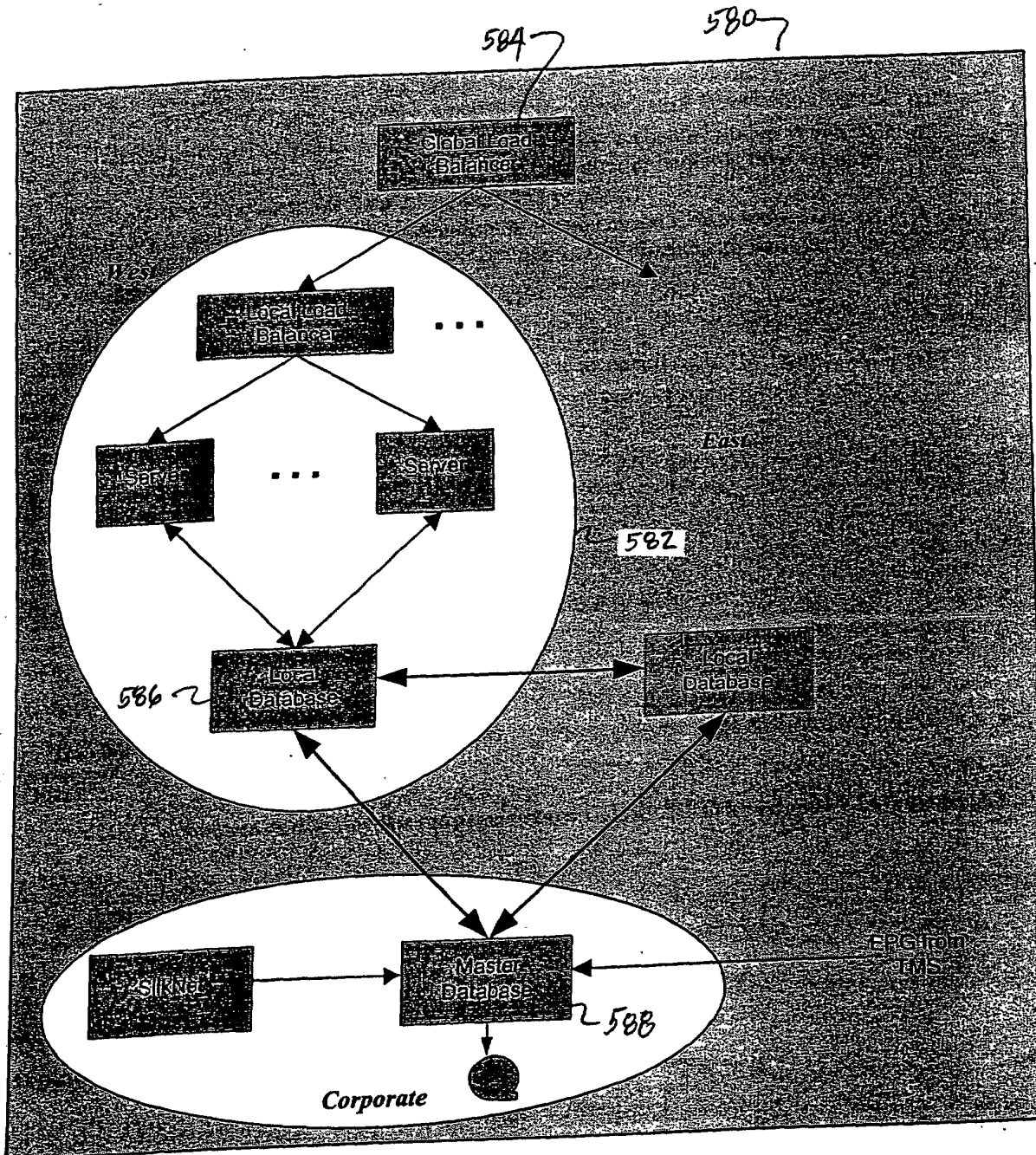


FIG. 31